ELSEVIER

Available online at www.sciencedirect.com
SCIENCE DIRECT®

Earth-Science Reviews 64 (2004) 323

EARTH-SCIENCE REVIEWS

www.elsevier.com/locate/earscirev

Contents Volume 64, 2004

Research Papers

Dynamic processes controlling evolution of rifted basins
P.A. Ziegler and S. Cloetingh 1

Integrated depositional model for the Cenomanian–Turonian organic-rich strata in North Africa
S. Lüning, S. Kolonic, E.M. Belhadj, Z. Belhadj, L. Cota, G. Barić and T. Wagner 51

Solutions in chronostratigraphy: the Paleocene/Eocene boundary debate, and Aubry vs. Hedberg on chronostratigraphic principles
S.L. Walsh. 119

Research Papers

A revised morpho- and chronostratigraphy of the Late and Middle Pleistocene coral reef terraces on Southern Barbados (West Indies)
G. Schellmann and U. Radtke. 157

Optical properties of terrestrial clouds
A. Kokhanovsky. 189

The antiquity of microbial sulfate reduction
Y. Shen and R. Buick. 243

Human impact on the environment in the Ethiopian and Eritrean highlands—a state of the art
J. Nyssen, J. Poesen, J. Moeyersons, J. Deckers, M. Haile and A. Lang 273

Book review

The Origins of Life and the Universe
T. Hallam 321

Contents Volume 64, 2004 323